

Membrane Affinity Kit

TRANSIL Membrane Affinity Kit

CATALOG #
AAA60728

PRODUCT SYNONYMS

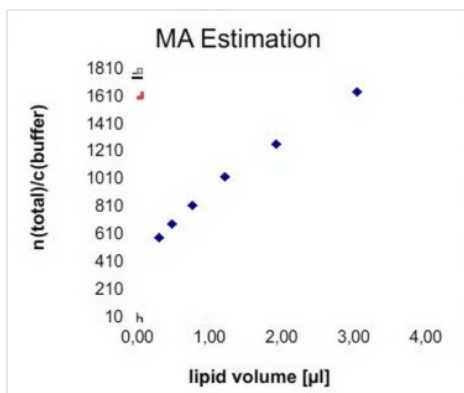
Membrane Affinity; TRANSIL Membrane Affinity Kit; Membrane Affinity kit

PRODUCT SPECIFICATIONS

Preparation and Storage

Store at -20 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Membrane Affinity kit

Principle of the Assay: The principle of the TRANSIL Membrane Affinity kit is to assess the affinity of test compounds to phosphatidylcholine membranes. The membrane affinity is determined by incubating a fixed concentration of the drug candidate with varying concentrations of membrane surface area immobilized on the silica beads (Figure 1). The assay consists of 8 glass vials: Six vials contain membrane silica beads while two serve as references to account for non-specific binding and contain buffer only. Using the spreadsheet and algorithms supplied with the kit, the affinity of test compounds to the membrane is calculated from remaining free compound concentration in the supernatants. Any of the available detection systems, such as LC-MS/MS, scintillation counting, etc. can be used for quantification, as long as it can quantify μM concentrations in volumes of 200 μl or less.

Product Categories/Family for Membrane Affinity kit

Sovicell ADME Assays

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/kits/membrane-affinity/60728>